

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

SCHIERMEIER QUARRY

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of

limestone in the state of Missouri. The extent of the

Proposed mining operation(s) will be on eight acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
St. Charles	20	45N	01E	8	0	8	Schiermeier Quarry	0179

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 18th day of February 2004


DIRECTOR OF STAFF

Land Reclamation Commission

Permit No. 0131

Effective Date 02/18/2004

Expiration Date 12/31/2004

MO 780-11.22 (6-95)

RECEIVED

RECEIVED

JAN 23 2004

JAN 26 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

BAS ACCOUNTING

P.O. BOX 176

JEFFERSON CITY, MISSOURI 64501-0176
MISSOURI LAND RECLAMATION COMMISSION

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL Schiermeier Quarry		DATE 1-19-04	
ADDRESS 600 Femme Osage Creek Road	CITY Augusta	STATE Mo.	ZIP CODE 63332
CONTACT PERSON Jack L. Hoelscher		TELEPHONE NUMBER 636-228-4420	

FEES: COMPLETE SECTION I OR SECTION II**SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:****1. To compute the site fee complete the information below:**

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. Schiermeier Quarry#131	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$ 300.00
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$

TOTAL SITE FEE **\$ 300.00**2. Acreage Fee \$5 X **8** number of acres bonded **\$ 40.00**3. Annual Permit Fee **\$ 500**4. Total Fee (Add totals from 1, 2 and 3) **\$ 840.00**NOTE: If Total Fee exceeds \$2,500.00 then pay only **\$ 2,500****SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:**1. Annual Permit Fee **\$ 300**

SIGNATURE OF APPLICANT Jack L. Hoelscher	TITLE General Manager	DATE 1-19-04
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Appeared before me this **19th** day of **January**, **2004**,
to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) St. Charles
	SUBSCRIBED AND SWORN BEFORE ME, THIS 19 DAY OF January YEAR 2004	USE RUBBER STAMP IN CLEAR AREA BELOW.
	NOTARY PUBLIC SIGNATURE Stacey L. Dobler	MY COMMISSION EXPIRES Oct. 30, 2004
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Stacey L. Dobler	<div style="border: 1px solid black; padding: 5px;"> STACEY L. DOBLER Notary Public - Notary Seal STATE OF MISSOURI ST. CHARLES COUNTY MY COMMISSION EXP. OCT. 30, 2004 </div>

FOR DEPARTMENT USE ONLY APPROVED BY [Signature]	DATE APPROVED 2-9-04	PERMIT NUMBER 0131	EXPIRATION DATE 12-31-04
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER <i>Schiermeier Quarry</i>		PERMIT NUMBER <i>90-131</i>	
COMPANY NAME <i>Schiermeier Quarry</i>			
COUNTY <i>St. Charles</i>	1/4 SECTION <i>NE</i>	SECTION <i>5-20</i>	
TOWNSHIP <i>T-45N</i>	RANGE <i>R-1E</i>	ACRES <i>30</i>	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES)			
MINERAL COMMODITY <i>Lime stone</i>		ESTIMATED TONS/YEAR (FOR GRAVEL SITES)	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) <i>M. J. Herman</i>		
ADDRESS <i>701 Femme Osage Crk. Rd.</i>		
CITY <i>Augusta</i>	STATE <i>MO.</i>	ZIP CODE <i>63332</i>
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <i>same as above</i>		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: Dec 31, 2003

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

*Wooded with trees being cropped.
very steep to gradual slope*

RECEIVED

FEB 02 1993

MISSOURI LAND
RECLAMATION COMMISSION

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

clean dirt 3 ft little or none top soil

INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☐ YES OR ☒ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

loaded & hauled with Highlift & dump truck

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

stockpiled with truck & graded with Highlift

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

Blasted, loaded & hauled to previously mined areas

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

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FEB 02 1993
MISSOURI LAND
RECLAMATION COMMISSION

None

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

YES NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☐☒

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Graded, disked, & broadcast seeded

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
<p><i>Stamp: FEB 02 1993, HONOLULU, HAWAII</i></p>			

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

Pasture

3/15 - 6/1 & 8/1 - 10/1

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
<i>Fescue</i>	<i>12</i>		
<i>Ladino clover</i>	<i>1</i>		

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

close to level (1-2% slope)

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES

GRADING

as spoil is replaced in completed mined areas within 12 months of the expiration of the permit year in which the area became inactive

REPLACEMENT OF TOPSOIL

When mining is completed
same as above

REVEGETATION

When mining is completed
within 24 months

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

12"

D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation

ESTIMATED ACRES:

Wildlife (forest or other habitat with livestock excluded)

Agricultural (pasture, cropland, and horticultural)

20

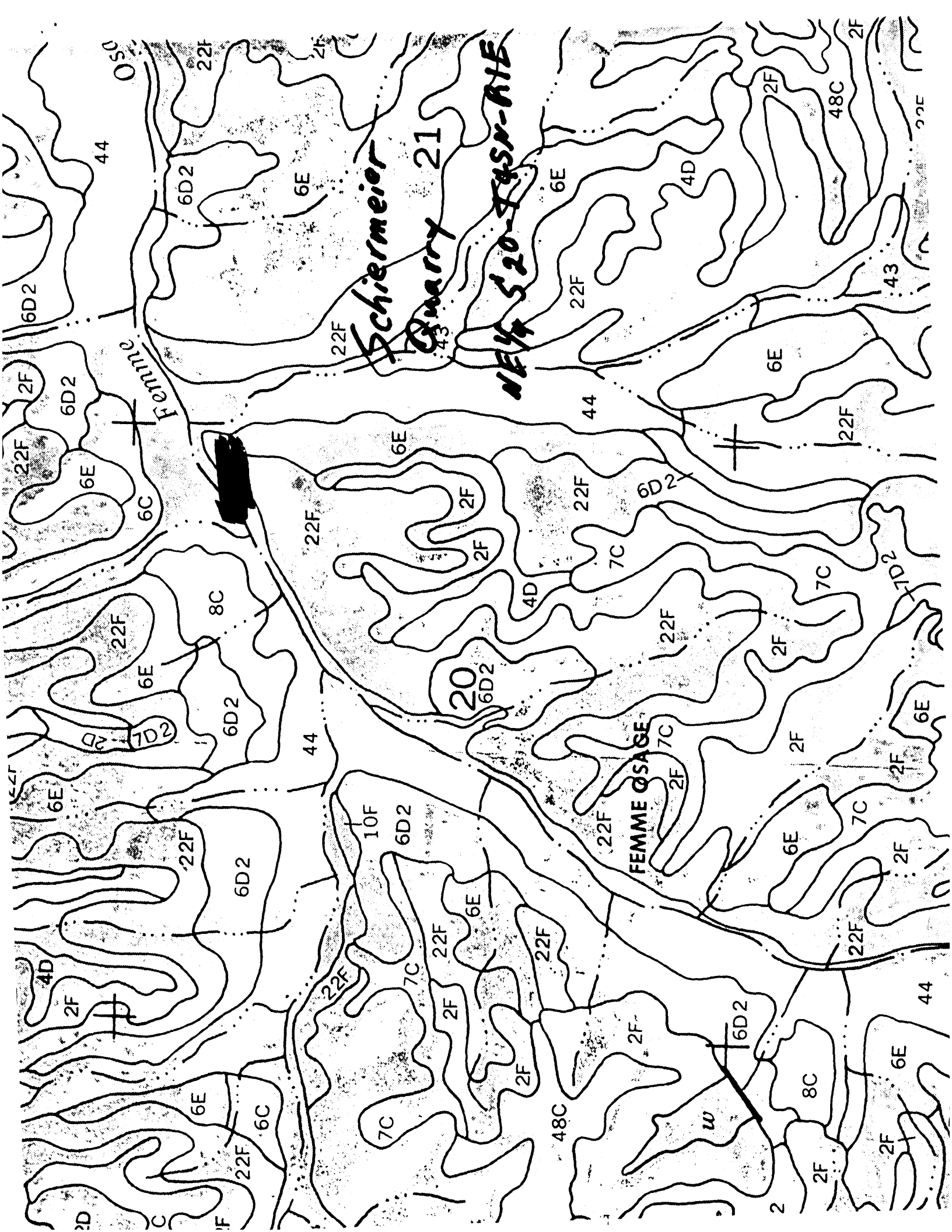
Development (residential, industrial, and recreational)

Water impoundments (for wildlife, agricultural, or development)

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>James Schinnerer</i>		TITLE <i>ITM</i>	DATE <i>1-31-93</i>
NOTARY PUBLIC EMBOSSEER SEAL	STATE <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Warren</i>	
SUBSCRIBED AND SWORN BEFORE ME THIS <i>27th</i> DAY OF <i>January</i> 19 <i>93</i>		USE RUBBER STAMP IN CLEAR AREA BELOW	
NOTARY PUBLIC SIGNATURE <i>Caren J. Schomberg</i>	MY COMMISSION EXPIRES <i>6-9-95</i>	Caren J. Schomberg, Notary Public County of Franklin, State of Missouri My Commission Expires June 9, 1995	
NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Caren J. Schomberg, Notary Public</i>			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Russell Crawley</i>	DATE APPROVED <i>2/17/93</i>	PERMIT NUMBER <i>131</i>	



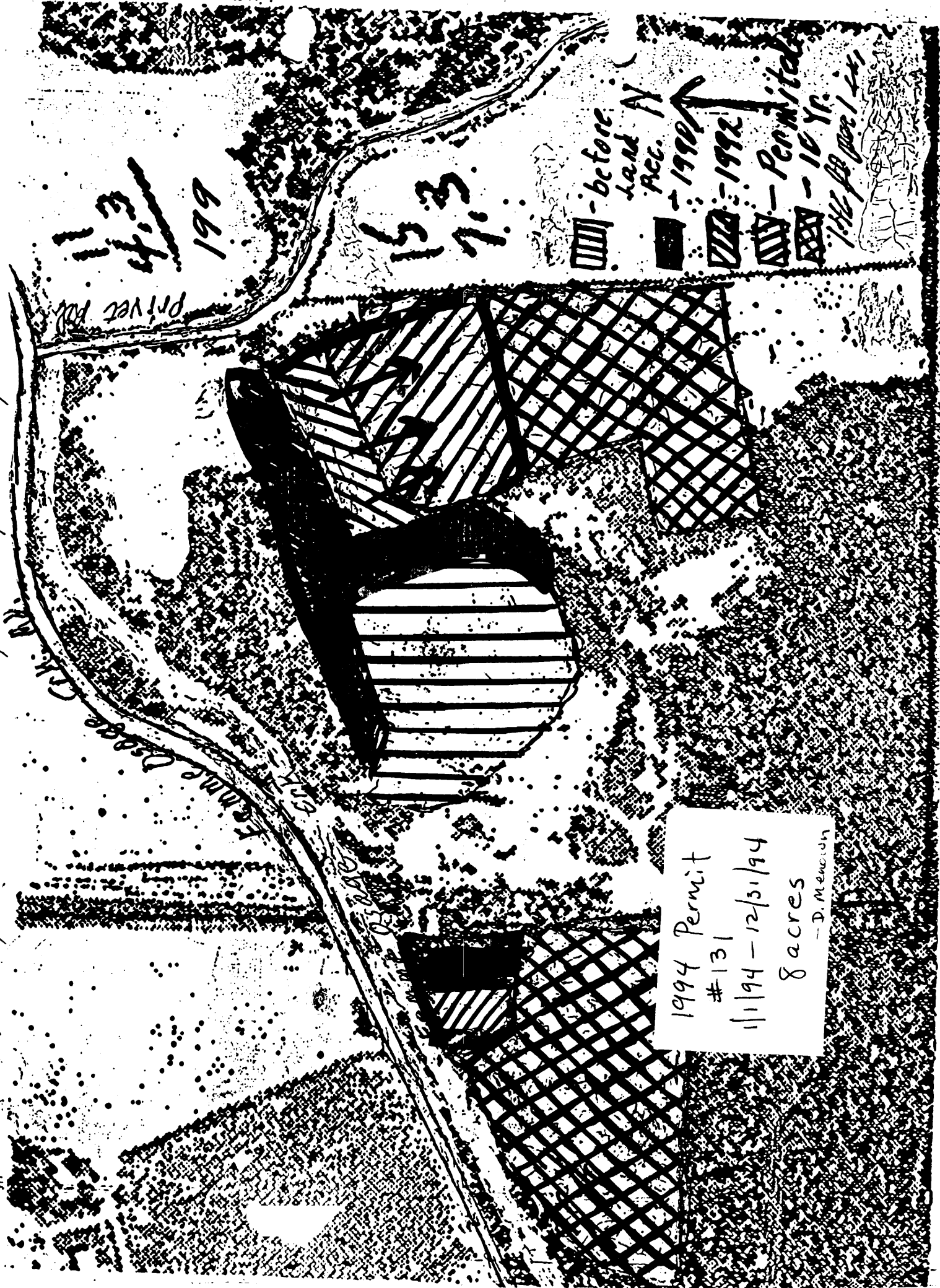
Schiermeier
Quarry 21
NE 1/4 S20-T4S-N-R1E

131-08

1000 1000 1000

100-443887-100

Schiermeier Quarry, Permit No 94-131, S-20, T-45-N, R-1-E



131
199

131

- before
Land Ac.
- 1994
- 1992
- Permit
- 10 Yr.
1/2 ft per 1 in.

1994 Permit
#131
8 acres
- D. Menon

Schiermeier Quarry, Permit No. 95-131, S-20, T-45-N, R-1-E

13
4.1
199

13
1.3

- before
land N
Acc. N

- 1990

- 1992

- Permitted

- 10 Yr.

1/16 per 1 in.



Schiermeier Quarry, Permit No. 90-137 T45N, R1E, S20



T. 48 N.

T. 47 N

T. 46 N

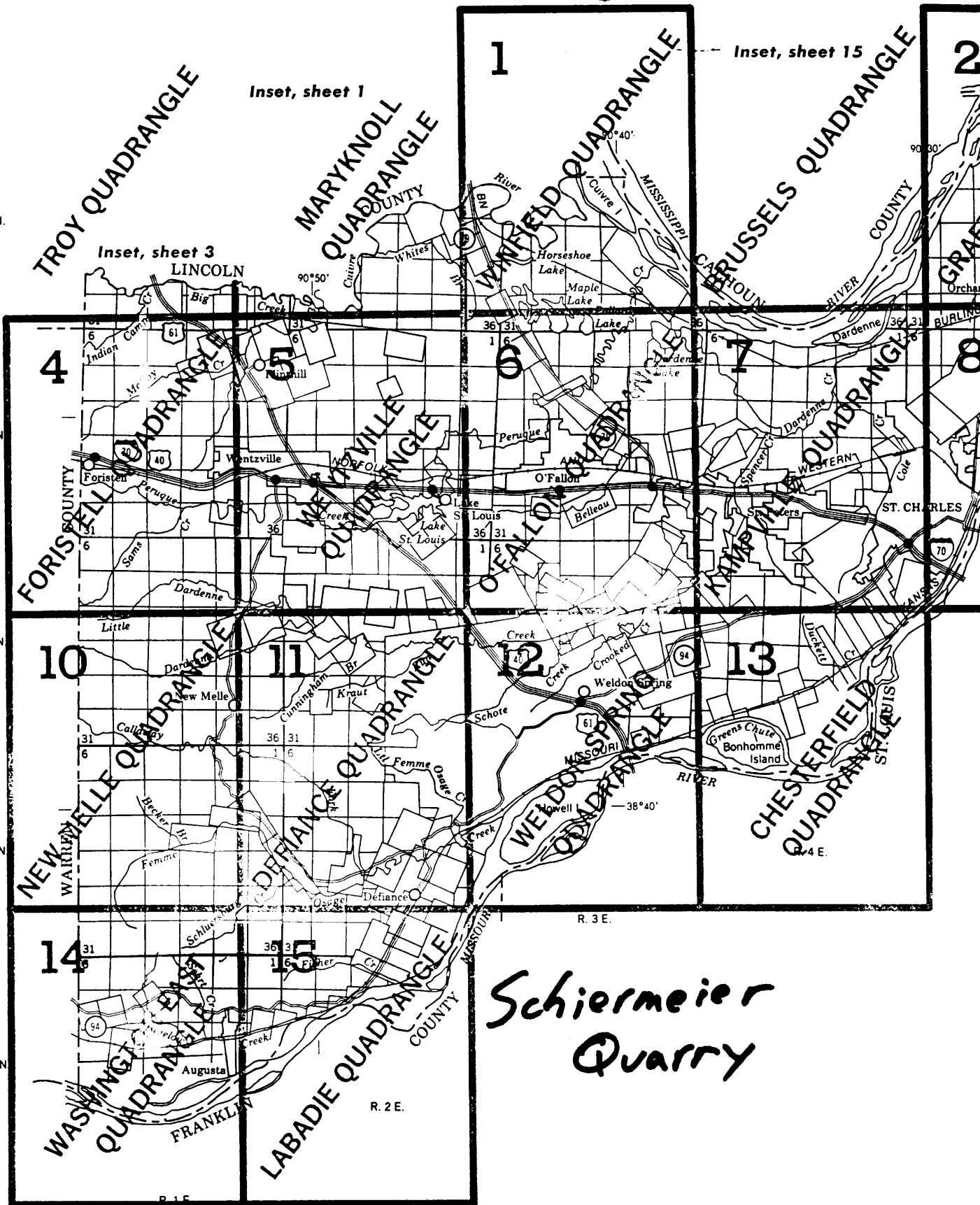
T. 45 N

T. 44 N

Inset, sheet 1

Inset, sheet 3

Inset, sheet 15



Schiermeier
Quarry

↑
North

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9 25.5 DEC 1 1989

MISSOURI RECLAMATION COMMISSION

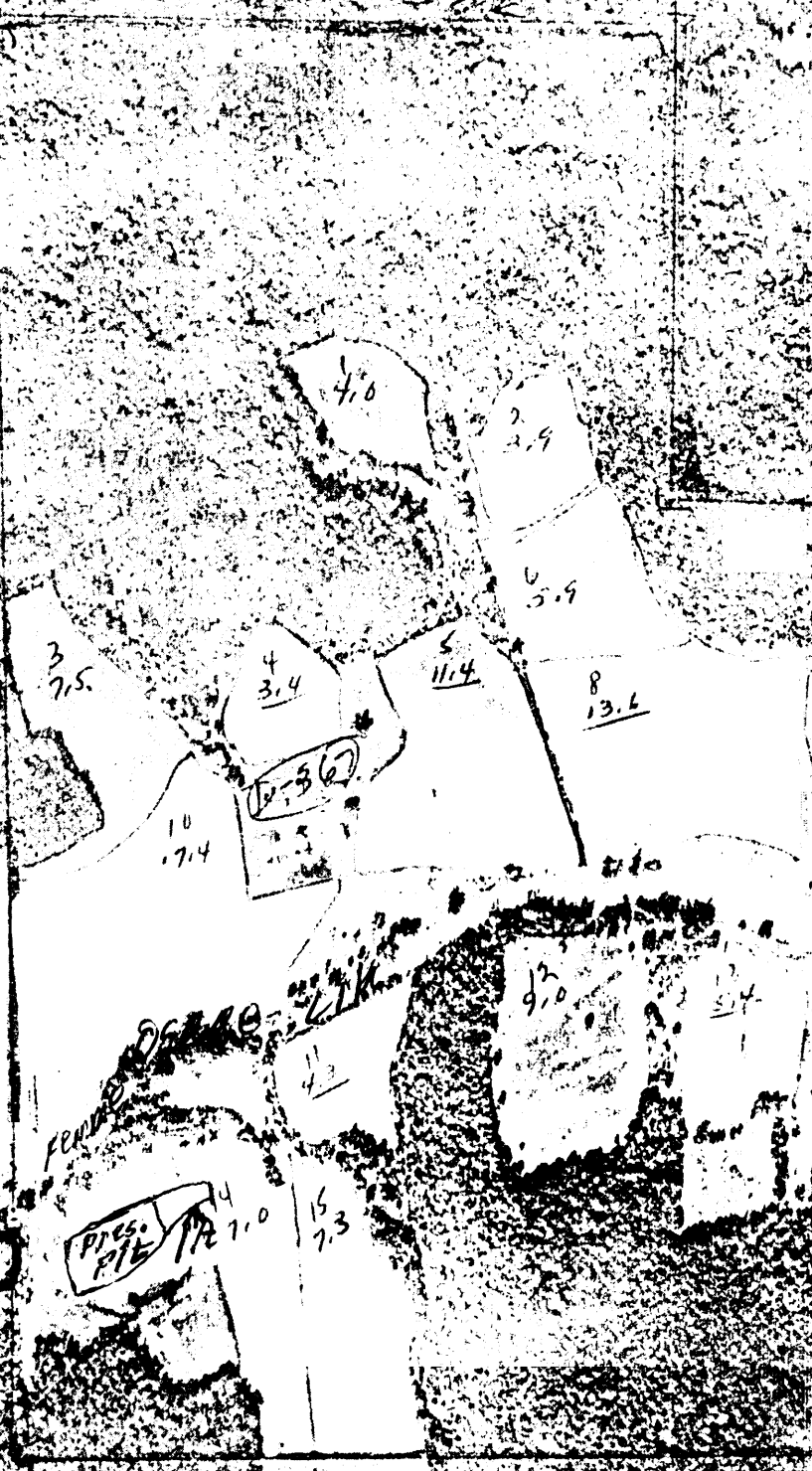


PHOTO 2-140 COUNTY St Charles MET TO SCALE

D367 Maynard Heman OP

Clavin Heman OW